

## Construction Rules

- The **ENTIRE** boat must be built of cardboard and duct tape. Only exceptions are paddles and decorations (which are **HIGHLY** encouraged, as long as they don't affect structural strength or buoyancy). Regular canoe/kayak paddles are also allowed.
- Latex paint is the only type of paint allowed on the outside/inside of the boats.
- The crew compartment **CANNOT** be enclosed to ensure escape from a sinking boat.
- Use cardboard boxes, cardboard "blocks" or carpet tubes, of any thickness.
- **NO** pre-treated cardboard or Sona-tubes waxed or 'treated' cardboard allowed (i.e., nothing that has been pre-waterproofed since that would be cheating!).
- **NO** wood, plastic, fiberglass, Styrofoam, rubber or other flotation aids.
- **NO** caulking compounds, single, two-part/mixed adhesives, epoxies, varnishes, sealants, sealant type paints, or oil paints (and we can tell! 😊)
- **NO** wrapping in plastic, fiberglass sheet or resins, or peel-and-stick waterproofing membranes.
- **NO** electrical, gas, benzene, propane or any other chemicals or air propulsion system is allowed.
- Duct tape may be used to reinforce seams.
- Hull wrapping with duct tape is allowed for waterproofing purposes (inside & outside of boat). This is the only acceptable way to waterproof your boat.
- **Illegal boat materials = disqualification.** If uncertain about eligibility of a cardboard type material, ask organizers for an official ruling.

## Duct Tape Supply

- Each team will be given 6 rolls of 3M Performance Plus Duct Tape.
- Rolls are 55 metres long x 4.8 cm wide = 2.64m<sup>2</sup>. With a 25% overlap, this yields 1.98m<sup>2</sup> surface area coverage (approximately 21 square feet). So, 6 rolls = +/- 120 square feet of surface area.
- The duct tape has been generously donated by 3M Canada. Retail value of the product approximately \$25.00 per roll + tax.
- No hoarding of the premium quality 3M Duct Tape please! Leftover rolls should be returned to the organizers to be saved for next year's event.
- Contact organizers to make arrangement to get your duct tape starter pack. 902-431-9917

## CONSTRUCTION MATERIALS

| Allowed   | NOT Allowed  |
|---|--|
| Corrugated cardboard (can find at appliance & grocery stores) | Wood, Styrofoam, plastic sheathing                             |
| Cardboard "blocks" (can find at furniture stores)             | Sona-tubes, coated cardboard                                   |
| Cardboard tubes (can find at flooring stores)                 | Silicon, wax, tar, caulking compounds                          |
| Fastening material – duct tape only                           | Fiberglass, resins, paint (except for above water decorations) |
| Latex paint   | Metal, staples, clamps, screws, nails                          |
| Decorations (cannot affect structural strength or buoyancy)   | Ballast type devices – and bags, rock, brick, etc.             |

